


In re: Thrash, et al.
Appl. No.: 09/878,825
Filed: 06/11/2001
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REMARKS

Please add new Claims 32 – 35 prior to examination of the application.

Respectfully submitted,



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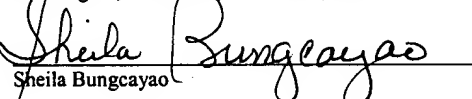
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Sheila Bungcayao

Version With Markings to Show Changes Made:

In The Claims:

Please add the following new claims:

32. (New) A method of manufacturing a resin-impregnated composite, comprising:
encapsulating a dry fiber preform within a fluid-impermeable container;
supplying a resin to the fluid-impermeable container and infusing the dry fiber
preform with the resin;
providing an outlet from the fluid-impermeable container; and
applying an external pressure to an external surface of the fluid-impermeable
container resulting in an internal pressure increase within the fluid-impermeable container
wherein the internal pressure increase is attributable to, and in proportion to, the external
pressure increase, said internal pressure increase urging the resin out of the preform and fluid-
impermeable container and increasing a fiber-volume fraction of the resin-impregnated
composite.
33. (New) A method of Claim 32, wherein applying the external pressure includes
applying an external pressure up to a peak of 100 psi.
34. (New) A method of Claim 32, wherein supplying the resin includes connecting
the fluid-impermeable container to a resin supply and wherein infusing the preform includes
supplying a vacuum to the fluid-impermeable container.
35. (New) A method of Claim 34, wherein the fiber-volume fraction of the composite
is 57% or greater.

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